

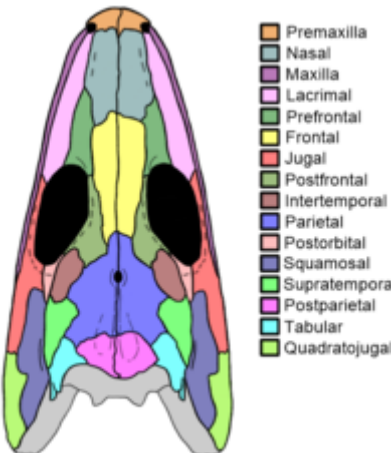



"*Proterogyrinus*" is Greek for "earlier wanderer" or "earlier tadpole". This name was chosen by Romer in keeping with a trend of naming long-bodied early tetrapods (such as *Eogyrinus* and *Crassigyrinus*) with the suffix "-gyrinus".^[2]

Romer hesitated from designating *Proterogyrinus* as a true embolomere, because its intercentra (the forward portion of each vertebra) were smaller than its pleurocentra (the rear portion). He used the group Anthracosauria to encompass embolomeres and their close relatives such as *Proterogyrinus*.^[2] However, other sources prefer a wider definition of Embolomeri similar in usage to Romer's Anthracosauria, thus counting *Proterogyrinus* as an embolomere.^[3]

Description

presence of lateral line grooves and otic

<i>Proterogyrinus</i>												
Temporal range: Carboniferous												
331–323 Ma												
PreЄ	Є	OS	D	C	P	T	J	K	PgN			
												
Skull diagram												
Scientific classification												
Kingdom:	Animalia											
Phylum:	Chordata											
Order:	†Embolomeri											
Family:	†Proterogyrinidae											
Genus:	† <i>Proterogyrinus</i>											
	Romer, 1970											
Type species												
† <i>Proterogyrinus scheelei</i>												
Romer, 1970												
Other species												
■	† <i>Proterogyrinus pancheni</i>											
Smithson, 1986												
Synonyms												
■	<i>Mauchchunkia</i>											
Hotton, 1970												

notches which likely held spiracles show that they were probably more well-adapted for the water. The tail was long and tall, and was likely a powerful method of locomotion. The eyes were positioned high on the skull, supporting the idea that *Proterogyrinus* had an active lifestyle near the surface of the water.^[3]

References

1. Haines, Tim; Paul Chambers (2006). *The Complete Guide to Prehistoric Life* (https://archive.org/details/isbn_9781554071258). Canada: Firefly Books. p. 38 (https://archive.org/details/isbn_9781554071258/page/38).
 2. Romer, A.S. (30 April 1970). "A new anthracosaurian labyrinthodont, *Proterogyrinus scheelei*, from the Lower Carboniferous" (<https://www.biodiversitylibrary.org/page/51810758#page/135/mode/1up>). *Kirtlandia*. **10**: 1–16.
 3. Holmes, R. (2 November 1984). "The Carboniferous Amphibian *Proterogyrinus scheelei* Romer, and the Early Evolution of Tetrapods" (<https://doi.org/10.1098/rstb.1984.0103>). *Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences*. **306** (1130): 431–524. doi:10.1098/rstb.1984.0103 (<https://doi.org/10.1098/rstb.1984.0103>).
-

Retrieved from "<https://en.wikipedia.org/w/index.php?title=Proterogyrinus&oldid=956843264>"

This page was last edited on 15 May 2020, at 16:36 (UTC).

Text is available under the [Creative Commons Attribution-ShareAlike License](#); additional terms may apply. By using this site, you agree to the [Terms of Use and Privacy Policy](#). Wikipedia® is a registered trademark of the [Wikimedia Foundation, Inc.](#), a non-profit organization.